

**ATTACHMENT C****Amendments to the Claims**

*This listing of claims will replace all prior versions, and listings, of claims in the application.*

1. (currently amended) A method ~~to produce for producing~~ a decay resistant and weatherproof wooden product ~~and to its having~~ qualities like impregnated wood and hardwood, for instance teak, ~~in compressing and heating wood into a wanted shape, characterized in that in the method comprising the steps of:~~  
drying a wood block;  
pressing the a-dried wood block is pressed at least in one direction to produce a  
pressed wood block in a pressed shape, and  
shifting the pressed wood block kept in the pressed shape, for instance between  
heating walls, and shifted of into a heating chamber, which said heating walls to its  
forming a closed cross-section is a closed chamber of predetermined shape and  
maintaining the pressed wood block in the pressed shape, and  
heating the pressed wood block in the pressed shape in the heating chamber free from  
oxygen, whereby further in the said chamber the temperature of timber block is  
quickly raised to a temperature of 210-390°C, and maintaining the timber pressed  
wood block kept tight under controlled compression in different directions in the  
heating chamber at the temperature, and that  
cooling the pressed wood timber block in the pressed shape, still under compression, is  
quickly and controllably cooled, for instance placing it in a space between cooling  
walls of a cooling chamber.

2. (currently amended) A method according to claim 1, wherein characterized in that  
the said heating and cooling stages steps are carried out one after another, and further  
including the step of in shifting the compressed timber pressed wood block in the  
pressed shape through both of the said stages in the space from between the heating

walls to between the cooling walls, such that the heating and cooling walls determine its outer dimensions of the pressed wood block.

3. (currently amended) A method according to claim 1, further including the ~~characterized in that~~ step of heating the wood block is heated before said pressing ~~step~~ compression.

4. (currently amended) A method according to claim 1, ~~characterized in that~~ wherein the heating and cooling chambers ~~sections~~ are placed one after another and the heating and cooling walls ~~to form a common channel part,~~ along which pressed wood timber blocks one after another are shifted through the heating and cooling chambers, ~~sections~~ the a latter timber pressed wood block pushing the a former pressed wood block one of directly or by ~~means of an~~ intermediate bearing.

5. (currently amended) A method according to claim 4, ~~characterized in that~~ the by ~~means of the form of intermediate bearing the form of the~~ further including the step of changing a cross-section profile of the pressed wood compressed timber block to a desired profile by use of an intermediate bearing with a form complementary to is adjusted the desired profile.

6. (currently amended) A method according to claim 1; ~~characterized in that~~ the press ~~part~~ wherein said pressing step is performed at a pressing station, and wherein said pressing station, said heating/ chamber and said cooling chamber part are arranged work one after another in the a same unit.

7. (currently amended) A method according to claim 1; ~~characterized in that~~ wherein said pressing step is performed at a pressing station, and wherein the pressing station, compressing part and the heating/ chamber and the cooling part chamber work in the process as are separate units.

8. (currently amended) A method according to claim 1, ~~characterized in that further including the step of treating the dried wood block is treated before said pressing step feeding into the process with a substance changing a quality of the dried wood block its~~ qualities, such as fire retardant or another substance wanted.

9. (currently amended) A method according to claim 1, ~~characterized in that that wherein a the degree of moisture of the wood block coming to compression prior to said pressing step~~ is less than 18%.

10. (new) A method according to claim 8, wherein the substance is a fire retardant.